

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 125  | "802.11" and wds   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/23 08:37 |
| L2    | 36   | 1 and( @ad<="20030311" or @rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/23 08:46 |
| L3    | 43   | (simultaneous\$2 concurrent\$2 ("same" adj time)) with (ad\$hoc independent) with infrastructure | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/23 08:46 |
| L4    | 13   | 3 and( @ad<="20030311" or @rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/23 08:47 |

## EAST Search History

|    |      |   |   |    |    |                  |
|----|------|---|---|----|----|------------------|
| L5 | 41   | (US-20050281237-\$ or<br>US-20030202505-\$ or<br>US-20030156558-\$ or<br>US-20060274792-\$ or<br>US-20060062187-\$ or<br>US-20070036091-\$ or<br>US-20070008922-\$ or<br>US-20060206944-\$ or<br>US-20050254474-\$ or<br>US-20050135305-\$ or<br>US-20040023652-\$ or<br>US-20040077374-\$ or<br>US-20060148516-\$ or<br>US-20030158891-\$ or<br>US-20030140256-\$ or<br>US-20030220988-\$ or<br>US-20040204031-\$ or<br>US-20040166812-\$ or<br>US-20040131188-\$ or<br>US-20040160903-\$ or<br>US-20040203740-\$ or<br>US-20040071122-\$ or<br>US-20030054818-\$ or<br>US-20040179503-\$ or<br>US-20060233184-\$ or<br>US-20040125778-\$).did. or<br>(US-20040125776-\$ or<br>US-20060104235-\$ or<br>US-20050135422-\$ or<br>US-20030087602-\$ or<br>US-20060120336-\$ or<br>US-20030210700-\$ or<br>US-20030167405-\$ or<br>US-20020163895-\$).did. or<br>(US-7062566-\$ or US-7177594-\$<br>or US-7039033-\$ or US-5757924-\$<br>or US-7194263-\$ or US-7016334-\$<br>or US-7251489-\$).did. | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/08/23 11:20 |
| L7 | 20   | 5 and encrypt\$4  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/08/23 11:20 |
| S1 | 4276 | 370/389.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 10:36 |
| S3 | 314  | 370/536.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/14 12:14 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S14 | 5496  | 370/352.ccls..                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 07:18 |
| S22 | 89    | 370/913.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 13:24 |
| S23 | 14    | 370/913.ccls.and "802.11"                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 13:24 |
| S26 | 16050 | (transmit\$4 and receiv\$3) and<br>"802.11"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 14:01 |
| S27 | 6496  | S26 and frame                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 14:02 |
| S28 | 1123  | S27 and service adj set                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 14:02 |
| S29 | 944   | S28 and( mac or (medium adj<br>access adj control)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 14:07 |
| S30 | 393   | S29 and( @ad<="20030311" or<br>@rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/23 08:37 |
| S31 | 0     | "10242635".ap.                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 16:00 |
| S32 | 8     | "242635".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 16:01 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S33 | 6     | "242632".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/15 16:01 |
| S34 | 89    | S29 and( @ad<="20030311" or<br>@rlad<="20030311") and pda                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 07:38 |
| S35 | 16050 | (transmit\$4 and receiv\$3) and<br>"802.11"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/16 08:11 |
| S36 | 6496  | S35 and frame   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/16 08:11 |
| S37 | 1123  | S36 and service adj set   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/16 08:11 |
| S38 | 944   | S37 and( mac or (medium adj<br>access adj control))                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/16 08:11 |
| S39 | 65    | S38 and( @ad<="20030311" or<br>@rlad<="20030311") and pda<br>and server                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/16 08:27 |
| S40 | 51    | S38 and( @ad<="20030311" or<br>@rlad<="20030311") and primary<br>and secondary          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/16 09:16 |
| S41 | 78    | S38 and( @ad<="20030311" or<br>@rlad<="20030311") and primary<br>and (secondary or pda) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/16 09:16 |
| S44 | 2691  | router and wlan   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 07:45 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S45 | 1   | router and wlan and (basic adj ssid)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 07:46 |
| S46 | 321 | router and wlan and (basic adj service)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 15:07 |
| S47 | 27  | S46 and( @ad<="20030311" or @rlad<="20030311") and pda  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 10:12 |
| S48 | 68  | (modem with emulat\$3).clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 08:54 |
| S49 | 6   | S48 and "455"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 08:54 |
| S50 | 58  | ("20020071413" "20020090593" "20020090953" "20020128000" "20020142652" "20020181510" "20020191575" "20030008644" "20030032434" "20030109284" "20030142652" "20030174682" "20030235175" "20040004951" "20040053602" "20040203638" "20040204071" "20040220995" "20040224682" "5231634" "6014568" "6026304" "6154172" "6208861" "6463289" "6553233" "6560642" "6804532").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 09:46 |
| S51 | 405 | router and "802.11" and ((first adj basic adj service)or BSSID or SSID) and ((second adj basic adj service) or BSSID or SSID)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 10:11 |
| S52 | 405 | router and "802.11" and ((first adj (basic adj service)or BSSID or SSID)) and ((second adj (basic adj service) or BSSID or SSID))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 10:12 |

## EAST Search History

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S53 | 49 | S51 and( @ad<="20030311" or @rlad<="20030311") and pda                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 15:38 |
| S54 | 49 | S52 and( @ad<="20030311" or @rlad<="20030311") and pda                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 12:17 |
| S55 | 2  | "20020059453".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 12:18 |
| S58 | 2  | "20020172186".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 12:21 |
| S59 | 2  | "20020168993".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 12:42 |
| S60 | 2  | "20050122927 ".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 13:09 |
| S61 | 2  | "20060120334 ".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 13:58 |
| S62 | 2  | "20050135304 ".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 09:40 |
| S63 | 3  | "6618369 ".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 14:00 |
| S64 | 14 | first adj2 (((internet adj2 protocol) or ip) adj2 address) and (basic adj service adj set) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 15:46 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S65 | 106    | wlan adj2 router  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 15:37 |
| S66 | 20     | S65 and( @ad<="20030311" or @rlad<="20030311")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 15:38 |
| S67 | 13     | first adj2 (((internet adj2 protocol) or ip) adj2 address) and (basic adj service adj set) and "802.11"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/19 15:50 |
| S68 | 12     | (first adj2 (((internet adj2 protocol) or ip) adj2 address)) and (basic adj service adj set) and "802.11" and (second adj2 (((internet adj2 protocol) or ip) adj2 address)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 07:59 |
| S70 | 2      | "6791962 ".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 10:02 |
| S71 | 0      | "10621557 ".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 10:03 |
| S72 | 5      | "621557 ".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 12:24 |
| S73 | 123377 | nat   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 12:43 |
| S74 | 4077   | (internet adj2 connection ad2 sharing) and "802.11"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 12:44 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S75 | 2019 | (internet adj2 connection ad2 sharing) and "802.11" and pda   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 12:44 |
| S76 | 893  | S75 and( @ad<="20030311" or @rlad<="20030311")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 14:29 |
| S80 | 435  | (connect\$4 same pda same internet same computer and "802.11") and( @ad<="20030311" or @rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 14:43 |
| S81 | 0    | (connect\$4 same pda same internet same (another or second) adj2 computer and "802.11") and( @ad<="20030311" or @rlad<="20030311")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 14:43 |
| S82 | 435  | (connect\$4 same pda same internet same computer and "802.11") and( @ad<="20030311" or @rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 11:03 |
| S83 | 34   | (connect\$4 same pda same internet same computer and "802.11") and( @ad<="20030311" or @rlad<="20030311") and ad\$hoc   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/20 17:36 |
| S84 | 37   | (connect\$4 same pda same internet same (computer or laptop) and "802.11") and( @ad<="20030311" or @rlad<="20030311") and ad\$hoc   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 07:07 |
| S85 | 113  | (connect\$4 same pda same (internet or network or sever) same (computer or laptop) and "802.11") and( @ad<="20030311" or @rlad<="20030311") and ad\$hoc                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 07:41 |
| S86 | 129  | ((connect\$4 or link43) same pda same (internet or network or sever) same (computer or laptop or device) and "802.11") and( @ad<="20030311" or @rlad<="20030311") and ad\$hoc | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 07:42 |



## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S88 | 5    | "617324".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 13:30 |
| S90 | 1229 | "802.11" and tag\$4 and frame   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 13:33 |
| S91 | 620  | S90 and( @ad<="20030311" or @rlad<="20030311")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 13:33 |
| S92 | 158  | "802.11" and (tag\$4 with frame)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 13:33 |
| S93 | 98   | S92 and( @ad<="20030311" or @rlad<="20030311")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 14:50 |
| S94 | 29   | S92 and( @ad<="20030311" or @rlad<="20030311") and vlan   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 15:39 |
| S95 | 87   | receiv\$3 same transmit\$3 same frame same (basic adj service adj set) and "802.11"                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 16:09 |
| S96 | 37   | S95 and( @ad<="20030311" or @rlad<="20030311")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 15:39 |
| S97 | 1    | receiv\$3 same transmit\$3 same frame same (basic adj service adj set) and "802.11" and vlan and bridge | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/21 16:22 |
| S98 | 2    | receiv\$3 same transmit\$3 same frame same (basic adj service adj set) and "802.11" and vlan            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/22 07:56 |

## EAST Search History

|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S10<br>0 | 159  | "802.11" and (tag\$4 with frame)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/22 07:57 |
| S10<br>1 | 99   | S100 and( @ad<="20030311" or<br>@rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/22 11:25 |
| S10<br>2 | 2    | "5884031".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/22 11:25 |
| S10<br>3 | 292  | 370/352.ccls. and "802.11"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 07:18 |
| S10<br>4 | 121  | S103 and( @ad<="20030311" or<br>@rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/26 07:19 |
| S10<br>6 | 5058 | pda with (laptop notebook) with<br>internet  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 10:40 |
| S10<br>8 | 3998 | pda with (laptop ) with internet   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 10:40 |
| S10<br>9 | 420  | pda with (laptop ) with internet<br>and "802.11"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 10:41 |
| S11<br>0 | 153  | S109 and( @ad<="20030311" or<br>@rlad<="20030311") and pda   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 13:01 |
| S11<br>1 | 42   | (connect\$4 with pda with internet<br>with (omputer laptop notebook)<br>and "802.11") and(<br>@ad<="20030311" or<br>@rlad<="20030311") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 13:01 |

## EAST Search History

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S11<br>2 | 26  | translate with first with internet<br>with address              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 13:01 |
| S11<br>3 | 1   | S112 and( @ad<="20030311" or<br>@rlad<="20030311") and pda      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 13:09 |
| S11<br>4 | 19  | S112 and( @ad<="20030311" or<br>@rlad<="20030311")              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 15:09 |
| S11<br>5 | 1   | S114 and "802.11"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 16:35 |
| S11<br>6 | 8   | simultaneous with (ad\$hoc<br>independent) with infrastructure  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 11:08 |
| S11<br>7 | 2   | "20030054818".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/20 17:01 |
| S12<br>2 | 1   | (basic adj service adj set (BSSS))<br>with (first adj address ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 08:15 |
| S12<br>3 | 237 | (basic adj service adj set (BSSS))<br>with ( address )          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:22 |
| S12<br>4 | 15  | S123 and( @ad<="20030311" or<br>@rlad<="20030311") and pda      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 07:38 |
| S12<br>5 | 96  | S123 and( @ad<="20030311" or<br>@rlad<="20030311")              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 07:44 |

## EAST Search History

|          |       |  |   |    |    |                  |
|----------|-------|--|---|----|----|------------------|
| S12<br>6 | 3     | (basic adj service adj set (BSSS))<br>with ( internet adj2 address )             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:34 |
| S12<br>7 | 3     | (basic adj service adj set (BSSid))<br>with ( internet adj2 address )            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 13:37 |
| S12<br>8 | 18861 | receiv\$3 same transmit\$4 same<br>tag\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 07:44 |
| S12<br>9 | 9365  | receiv\$3 with transmit\$4 with<br>tag\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 07:44 |
| S13<br>0 | 5007  | S129 and( @ad<="20030311" or<br>@rlad<="20030311")                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 08:16 |
| S13<br>1 | 184   | S130 and "802.11"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 09:22 |
| S13<br>2 | 0     | (basic adj service adj set (BSSS))<br>with (first adj address ) and "802.<br>11" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 08:15 |
| S13<br>3 | 204   | (basic adj service adj set (BSSS))<br>with ( address ) and "802.11"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 08:15 |
| S13<br>4 | 92    | S133 and( @ad<="20030311" or<br>@rlad<="20030311")                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 09:21 |
| S14<br>0 | 2     | us-20020059453-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 09:21 |

## EAST Search History

|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S14<br>1 | 705  | ad-hoc with internet   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 09:59 |
| S14<br>2 | 320  | S141 and( @ad<="20030311" or<br>@rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:57 |
| S14<br>3 | 136  | S142 and "802.11"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 09:22 |
| S14<br>4 | 5    | ad-hoc with internet with relay\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 09:59 |
| S14<br>5 | 18   | (simultaneous concurrent ("same"<br>adj time)) with (ad\$hoc<br>independent) with infrastructure | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 09:19 |
| S14<br>7 | 10   | ((basic adj service adj set)<br>(BSSid)) same ( internet adj2<br>address )                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:10 |
| S14<br>8 | 3    | ((basic adj service adj set)<br>(BSSid)) with ( internet adj2<br>address )                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:21 |
| S14<br>9 | 1596 | ip with "802.11"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:21 |
| S15<br>1 | 7    | (basic adj service adj set (BSSid))<br>with ( ip with packet)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:31 |
| S15<br>2 | 3    | (basic adj service adj set (BSSid))<br>with ( internet adj2 address )                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:34 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S15<br>3 | 45 | (basic adj service adj set (BSSid))<br>with ( (internet ip) with (address<br>packet))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:57 |
| S15<br>4 | 97 | (basic adj service adj set (BSSid))<br>same ( (internet ip) with (address<br>packet))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 16:08 |
| S15<br>5 | 27 | S154 and( @ad<="20030311" or<br>@rlad<="20030311")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 15:58 |
| S15<br>6 | 6  | frame with (basic adj service adj<br>set (BSSid)) with ( (internet ip)<br>with (address packet))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 16:11 |
| S15<br>7 | 8  | packet with (basic adj service adj<br>set (BSSid)) with ( (internet ip)<br>with (address packet))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 16:12 |
| S15<br>8 | 37 | (simultaneous\$2 concurrent\$2 (at<br>adj2 "same" adj time))with<br>(ad\$hoc independent) with<br>infrastructure  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/21 16:48 |
| S15<br>9 | 32 | (internet ip) with packet with<br>("802.11" with frame)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 08:31 |
| S16<br>0 | 78 | (connect\$4 with (nearby<br>neighbo\$1r\$4 adjacen\$3<br>close\$1by) with (mobile wireless)<br>with internet) and<br>(@rlad<"20030311"<br>@ad<"20030311")             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 08:30 |
| S16<br>1 | 0  | (connect\$4 with trough with<br>(nearby neighbo\$1r\$4 adjacen\$3<br>close\$1by) with (mobile wireless)<br>with internet) and<br>(@rlad<"20030311"<br>@ad<"20030311") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 08:30 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S16<br>2 | 50  | (internet ip) with (packet address)<br>with ("802.11" with frame)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 08:42 |
| S16<br>4 | 18  | S162 and( @ad<="20030311" or<br>@rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 08:44 |
| S16<br>5 | 2   | (internet ip) with (packet address)<br>with ("802.11" with frame) with<br>(bssid ssid)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 08:44 |
| S16<br>6 | 228 | different with (bssid ssid)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 08:49 |
| S16<br>7 | 71  | S166 and( @ad<="20030311" or<br>@rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 08:49 |
| S16<br>8 | 330 | (different chang\$3) with (bssid<br>ssid)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 09:10 |
| S16<br>9 | 103 | S168 and( @ad<="20030311" or<br>@rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 09:11 |
| S17<br>0 | 103 | (modify\$3 chang\$3 updat\$3<br>translat\$3 replac\$3) with (bssid<br>(basic adj service adj set))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 09:11 |
| S17<br>1 | 44  | S170 and( @ad<="20030311" or<br>@rlad<="20030311")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 09:20 |
| S17<br>2 | 43  | (simultaneous\$2 concurrent\$2<br>("same" adj time)) with (ad\$hoc<br>independent) with infrastructure | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 09:20 |

## EAST Search History

|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S17<br>3 | 13   | S172 and( @ad<="20030311" or @rlad<="20030311")                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 12:44 |
| S17<br>4 | 217  | "802.11" and ad\$hoc and (nat (network adj address))                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 16:20 |
| S17<br>5 | 90   | S174 and( @ad<="20030311" or @rlad<="20030311")                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 12:49 |
| S17<br>6 | 71   | "802.11" and ad\$hoc and (nat (network adj address adj translation)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 13:50 |
| S17<br>7 | 36   | S176 and( @ad<="20030311" or @rlad<="20030311")                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 13:50 |
| S17<br>8 | 574  | "802.11" and (nat (network adj address adj translation))             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 13:50 |
| S17<br>9 | 267  | S178 and( @ad<="20030311" or @rlad<="20030311")                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 16:20 |
| S18<br>0 | 48   | S179 and Private adj ip adj address                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 16:18 |
| S18<br>1 | 1611 | ip adj packet and (nat network adj address adj translation)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 16:19 |
| S18<br>2 | 194  | S181 and "802.11"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 16:20 |



## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S18<br>3 | 103 | S182 and( @ad<="20030311" or<br>@rlad<="20030311") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22 16:20 |
|----------|-----|--|---|----|----|------------------|